

FL SERIES PULSATION DAMPENERS

SIGMAMOTOR



Minimize pulsating output on positive displacement pumps

SIGMAMOTOR FL Series Pulsation Dampeners offer an inexpensive solution to protect chemical feed systems from harmful effects of pulsating flows.

- Simple chargeable design
- Robust CNC precision machined body
- Provides steady flows for better flow metering accuracy
- Eliminates vibrations in pipes reducing the potential for leaks
- Smooths flows in spray applications

Features

- Capacity - 12, 40 or 85 cu in
- Variety of materials available
- Various Bladder materials
- Charging Valve - Schrader Type

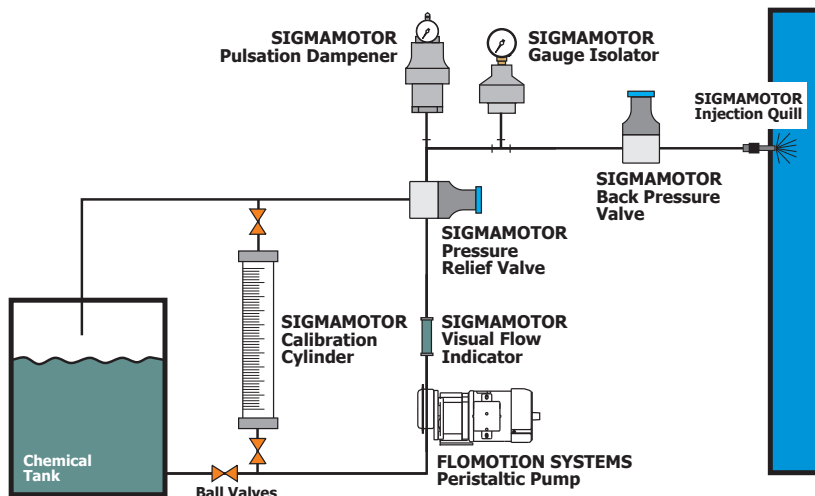


85 cu in



40 cu in

Typical System



12 cu in

CHEMICAL FEED ACCESSORIES

FL: - - - -
 1 2 3 4 5

Example: FL-N-12-P-V-SS

INLET CONNECTION TYPE 1	
NPT	N
SOCKET	S
FLANGED	F
UNION	U

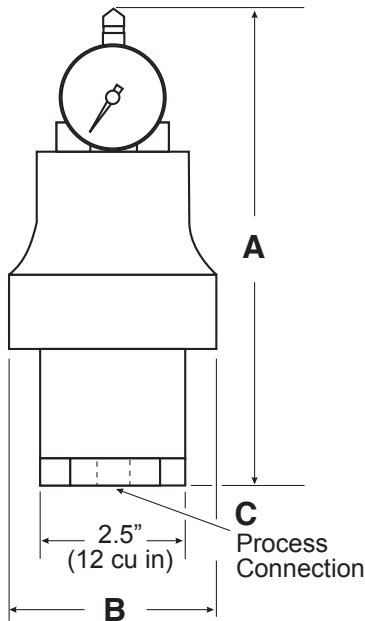
SIZE 2			
SELECT:	12	40	85
CU IN SIZE	12	40	85
ML SIZE (in)	200	660	1400
A-Height (in)	7.8	8.25	11.5
B-Diameter (in)	3.45	5.5	5.5
C-Connection (in)	1/2	1	1

DAMPENER BODY MATERIAL 3	
PVC	P
POLYPROPYLENE	PP
CPVC	CP
PTFE	T
Kynar® PVDF	K
316 SS	S
ALLOY 20	A
HASTELLOY C276	H

BLADDER MATERIAL 4	
VITON	V
EPDM	E
PTFE (12 CU IN ONLY)	T

GAUGE OPTIONS 5	
STANDARD GAUGE	
ALL STAINLESS STEEL	SS

DIMENSIONS



Material:	PVC	CPVC	PP	PVDF	PTFE	METAL
Maximum Pressure:	150 psi	150 psi	150 psi	150 psi	150 psi	350 psi
Maximum Temperature:	140 °F	195 °F	195 °F	285 °F	480 °F	300 °F

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